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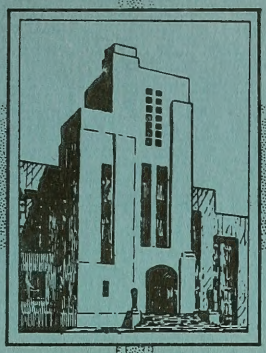

NAVY DEPARTMENT

DAVID TAYLOR MODEL BASIN

WHOI
DOCUMENT
COLLECTION

HYDROMECHANICS

○

AERODYNAMICS

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STRUCTURAL MECHANICS

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APPLIED MATHEMATICS

UNCLASSIFIED LIST OF REPORTS

ISSUED THROUGH 30 JUNE 1957

September 1957

Report 1160

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UNCLASSIFIED LIST OF REPORTS

ISSUED THROUGH 30 JUNE 1957

September 1957

Report 1160

FOREWORD

With this edition of the Unclassified List of Reports, the Model Basin is beginning a new system of publishing report information. Heretofore, the catalogs of Model Basin Reports have been kept up to date with supplements issued at irregular intervals.

The Model Basin now plans to issue quarterly loose-leaf supplements. These will be sent automatically to all who have a copy of this unclassified list.

This list is divided into four sections, each numbered separately, as I-1, II-1, III-1 and IV-1. Section I contains the regular series of TMB formal reports numbered consecutively without any preceding letter designation. Section II contains the R-series, which was discontinued in 1947. Reports in this series are designated as R-1, R-45, etc. Section III contains the C-reports which have been declassified. These reports still carry the C designation preceding the number. Section IV contains the translations, which are numbered as T-1, T-25 and so forth.

Numbers listed without titles are either unpublished or not available for distribution. Missing numbers in the list are for classified reports not included in this list.

This first list, TMB Report 1160, supersedes TMB Report 597. Unlike Report 597 it no longer carries an author and subject index.

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REGULAR SERIES

1. Report of the Pitching and Rolling Experiments on Battle Cruisers 1-6 (with and without Bilge Keels). Jan 1920. This is revised in Report 4.

2. Report of Test of Model No. 2234 with and without Landing Wheels - Representing Twin Floats for 2450 Lb. Seaplane. Dec 1919. 8 pp., 6 figs. Distributed only upon authorization of Loening Aeronautical Engineering Corporation.

3. Report of Test of Model No. 2284 with and without Landing Wheels - Representing Twin Floats for 2570 Lb. Seaplane. Jan 1920. 10 pp., 6 figs. Distributed only upon authorization of Loening Aeronautical Engineering Corporation.

4. Revised Report of Pitching and Rolling Experiments on a Model of Battle Cruisers 1 to 6, with and without Bilge Keels. Jan 1920. 13 pp., 8 figs. This is a revision of Report 1.

5. Report of Test of Model No. 2269 (Three Types of Stern) - Representing Hull for Two-Place Flying Boat with C-R Engine. Jan 1920. 15 pp., 10 figs. Distributed only upon authorization of Curtiss Engineering Corporation.

6. Report of Rolling Experiments on a Model of United States Battleships 49-54 (with and without Bilge Keels). Mar 1920. 9 pp., 6 figs.

7. Report of Rolling Experiments on a Model of Express Passenger Liner for International Mercantile Marine Co., Wm. Francis Gibbs, N.A. (Model Tested with and without Bilge Keels). Mar 1920. 6 pp., 3 figs. Distributed only upon authorization of International Mercantile Marine Co.

8. Report of Rolling Experiments on a Model Representing U.S. Collier "JUPITER" Fitted As an Aircraft Carrier. Mar 1920. 9 pp., 5 figs.

9. Report of Additional Tests of Model No. 2284 with Modifications - Representing Twin Floats for 2570-Lb. Seaplane. May 1920. 2 pp. Distributed only upon authorization of Loening Aeronautical Engineering Corporation.

10. The Measurement of Mast Vibration on the Tripod Mast during Gun Trials of the Brazilian Battleship "SÃO PAULO." May 1920. 8 pp., 3 figs.

11. Report of Test of Model No. 2294 Representing Hull of T.F. Flying Boat Modified to Carry M VII Torpedo (N.A.F. Blueprint #53006). Jun 1920. 7 pp., 4 figs.

12. Report of Test of Models No. 2239 & 2293 Representing 2600 Lb. Seaplane with Arrow-Head Float. Jun 1920. 16 pp., 11 figs.

13. Report of Rolling Experiments on Model No. 2300 Representing U.S. Collier JUPITER Fitted As an Aircraft Carrier. Jul 1920. 8 pp., 5 figs.

14. Report on the Frictional Resistance of Elaterite Marine Compound #45-A Compared with Shellac and Varnish - Paint Submitted by Elaterite Products Corporation, by L.F. Hewins. Jul 1920. 4 pp., 1 fig.

15. Report of Tests on Model of EAGLE Class Patrol Boats to Determine the Inclining Moment of Wind at Various Velocities, by L.F. Hewins. Jul 1920. 5 pp., 3 figs.

16. Report of Experiment with Proposed Hulls of Giant Flying Boat - Original and Alternate Designs. Aug 1920. 12 pp., 6 figs.

REGULAR SERIES

17. Report of Test of Vertical Steering Control of U.S. Submarine S-3, Using "Drowned" Bow Rudders with Guards, from Experiments with Model No. 1966. Aug 1920. 4 pp., 2 figs.

18. Report of Rolling Experiments on Model No. 2300 Representing U.S. Aeroplane Carrier LANGLEY (Formerly U.S. Collier JUPITER). Sep 1920. 14 pp., 8 figs.

19. Report of an Analysis of the Standardization Trials of Some Recent Destroyers. Sep 1920. 5 pp., 1 fig.

20. Report of Test of Vertical Steering Control of U.S. Submarines - BB-1 to 9 (S-163-171) from Experiments with Model No. 2341. Sep 1920. 5 pp., 3 figs.

21. Report of Experiments with Twin Floats for Loening M-81 Seaplane (Original and Modified Step Position). Nov 1920. 8 pp., 5 figs. Distributed only upon authorization of Loening Aeronautical Engineering Corporation.

22. Report of Experiments with Twin Floats for Curtiss C.T. Seaplane. Jan 1921. 8 pp., 5 figs. Distributed only upon authorization of Curtiss Engineering Corporation.

23. Report of Experiments with Twin Floats for Loening M-81 Seaplane (2nd and 3rd Modifications Represented by Model 2346) (4th Modification Represented by Model 2371). Feb 1921. 13 pp., 8 figs. Distributed only upon authorization of Loening Aeronautical Engineering Corporation.

24. Preliminary Report of Resistance of Armor Bars and Gratings. Jan 1921. 14 pp., 4 figs.

25. Report of Experiments with Model 2374 - Hydrovane Wing T. Feb 1921. 2 pp., 1 fig.

26. Supplementary Report on Vertical Steering Control of U.S. Submarines S-163-171 from Experiments with Model No. 2341. May 1921. 3 pp., 2 figs.

27. Report of Tests of a Merchant Type Model Fitted with a Regenerative Propeller of the "Birkett" Type. Jun 1921. 4 pp., 2 figs.

28. Report on the Comparison of Standardization Trial Data of 35-Knot Destroyers with Data Estimated from Results of Self-Propelled Models. Jun 1921. 16 pp., 10 figs.

29. Report on Test of Torpedo Forms. Jul 1921. 7 pp., 3 figs.

30. Report of Additional Tests with Twin Floats for Curtiss C.T. Seaplane. Jul 1921. 7 pp., 5 figs. Distributed only upon authorization of Curtiss Engineering Corporation.

31. Report of Experiments with Junker JL-6 Twin Floats. Jul 1921. 7 pp., 5 figs.

32. TS-1 Seaplane Floats (Twin) - Report of Experiments with Model #2392. Sep 1921. 7 pp., 4 figs.

33. Shipboard Fighter BS-1 - Report of Experiments with Model #2381. Sep 1921. 7 pp., 5 figs.

34. Hydrovane Wing T - Report of Additional Experiments with Model #2374. Sep 1921. 4 pp., 2 figs.

35. Curtiss C.T. Seaplane Floats - Additional Experiments with Model No. 2350. Oct 1921. 6 pp., 4 figs. Distributed only upon authorization of Curtiss Engineering Corporation.

36. D.T. Seaplane Floats - Report of Experiments with Model #2394. Oct 1921. 7 pp., 5 figs. Distributed only upon authorization of Davis-Douglas Co.

37. Test of Experimental Air Purifier. Nov 1921. 7 pp., 4 figs.

38. W.A. Seaplane Float - Report of Experiment with Model #2393. Nov 1921. 6 pp., 4 figs.

39. Shipboard Fighter B.S.-1 - Experiments with Modified Hull. Nov 1921. 7 pp., 5 figs.

40. W.A. Seaplane Float - Model #2393 - Report on Additional Tests. Dec 1921. 7 pp., 5 figs.

41. Report of Test of Vertical Steering Control of Ex-German Submarine U-111 - from Experiments with Model No. 2395. Jan 1922. 7 pp., 5 figs.

42. Report of Further Tests on Experimental Air Purifier. May 1922. 12 pp., 7 figs.

43. Spotting Seaplane Floats - Report of Experiments with Model #2426. May 1922. 7 pp., 5 figs.

44. Marine Expeditionary Seaplane Floats - Report of Experiments with Model #2420. May 1922. 7 pp., 5 figs.

45. Resistance of Disk Simulating Airplane Engine in Four Foot Tunnel. May 1922. 7 pp., 3 figs. This Wind Tunnel report was erroneously included in the original Experimental Model Basin series of reports.

46. School Seaplane - Type T.G. - Report of Experiments with Model #2430. May 1922. 7 pp., 5 figs.

47. Giant Flying Boat Hull - Report of Additional Experiments on Model #2244. May 1922. 7 pp., 5 figs.

48. Canceled. See Report 63.

49. V.T. Seaplane Floats - Triple Arrangements - Report of Experiments with Models 2426 and 2440. Jul 1922. 9 pp., 6 figs.

50. List of Models of Airplane Floats and Flying Boats Tested in the Experimental Model Basin and Available Data. May 1922. 5 pp. (128 models tested.)

51. N.C. Series - Report of Experiments with Modifications of the Hull of the N.C. Flying Boat. Jul 1922. 72 pp., 66 figs.

52. Determination of Performance Characteristics of 1/4-Horsepower Portable Ventilating Set, Including the Determination of the Air-Carrying Properties of Canvas Hose. Jul 1922. 6 pp., 2 figs.

53. Thornycroft Skimmer - Experiments with Model 2347 As a Seaplane Float. Jul 1922. 7 pp., 5 figs.

54. The U.S. Experimental Model Basin. Jul 1922. 7 pp.

55. Determination of the Amount of Resistance to the Flow of Air Offered by Armor Gratings, When Used in Conjunction with Expansions and Contractions of Duct: Resistance Offered by 12 Inch x 5 Inch Venturi Tube. Aug 1922. 26 pp., 16 figs.

56. Resistance of Standard Wire Mesh Basket for Ventilation Terminals: Resistance of Wire Screen Cloth. Aug 1922. 14 pp., 7 figs.

57. Report on Test of Surface Propellers. Aug 1922. 16 pp., 12 figs.

58. Resistance of Granular Charcoal to the Flow of Air. Aug 1922. 10 pp., 5 figs.

59. VT Twin Floats - Report on Experiments with the Original Design and Modifications 1-4 Inclusive. Aug 1922. 18 pp., 14 figs.

60. VE-7 Seaplane Float - Report of Experiments with Model 2424. Sep 1922. 8 pp., 6 figs.

61. Some Experiments on Propeller Positions and Propulsive Efficiency, by D.W. Taylor, Rear Admiral, USN. Sep 1922. 16 pp., 10 figs.

62. River Gun Boat. Nov 1922. No complete report available.

63. Stability Tests - Experiments with Models of Seaplane Floats and Flying Boats. Nov 1922. 13 pp., 12 figs.

64. Report of Test of Vertical Steering Control of Model of German Submarines U-181-190. Dec 1922. 5 pp., 3 figs.

65. VT Twin Floats - 5th & 6th Modifications - Report of Experiments with Models 2457 & 2458. Dec 1922. 13 pp., 9 figs.

66. Report of Tests of Propellers on Self Propelled Model of U.S.S. DELAWARE. Dec 1922. 10 pp., 8 figs. Distributed only upon authorization of N.W. Akimoff.

67. UO-1 Seaplane Float - Report on Experiments with Models 2455 and 2456. Dec 1922. 11 pp., 9 figs.

68. TS-1 Seaplane Floats (Twin) - Report of Additional Experiments with Model No. 2392. Jan 1923. 10 pp., 6 figs.

69. Report of Rolling Experiments on Model No. 2375 - Representing U.S. Crane Ship No. 1. Mar 1923. 12 pp., 7 figs.

70. F-5-L Flying Boat Hull (E.M.B. Model #2171) - Report of Experiments to Determine Effect of Changing Position of Rear Step. Mar 1923. 8 pp., 6 figs.

71. Towing of Vessels at Sea. Apr 1923. 6 pp., 1 fig.

72. NM-1 Twin Floats - Report of Experiments with Model #2485. Apr 1923. 8 pp., 6 figs.

73. Increase in Frictional Resistance of Ships Due to Lapped Butts. Mar 1923. 4 pp., 1 fig.

74. Results of Tests of a Model of the Proposed Floating Dry Dock. Apr 1923. 21 pp., 17 figs.

75. UO-1 Seaplane Float - Report of Experiments with Model #2492. Apr 1923. 9 pp., 6 figs.

76. Experiments with Models of VT-Twin Floats, Modification #1 and VT-Triple Float, Arrangement #2. Apr 1923. 11 pp., 8 figs.

77. Catapult Test, Ordnance Design, Shots 1-2-3-4. Mar 1923. 10 pp., 4 figs.

78. Catapult Test, Ordnance Design, Shots Nos. 1 to 13 Inc. Apr 1923. 36 pp., 8 figs.

79. Preliminary Design No. 25 - Hulls Nos. 1 and 2 - Report of Experiments with Model #2497. May 1923. 10 pp., 6 figs.

80. VT Twin Float Model #2426 - Experiments with and without Hydrovanes. May 1923. 13 pp., 10 figs.

81. VT Twin Floats - Modifications #7 and #8 - Experiments with Model No. 2493. Jun 1923. 9 pp., 5 figs.

82. Result of Tests of Models of a Shallow Draft River Gunboat. Jul 1923. 31 pp., 25 figs.

83. Kirsten-Boeing Propeller. Oct 1923.
Letter report on TMB file QN/Kirsten-Boeing Company. Oct 1923, Vol. 2. For Official Use Only.

84. DT Seaplane Floats - Results of Experiments with Modified Lines. Nov 1923. 11 pp., 6 figs.

85. NW Seaplane - Mk I Floats - Experiments with Model #2495. Nov 1923. 8 pp., 6 figs.

86. Report of Test of Vertical Steering Control of Cruiser Submarine from Experiments with Model No. 2517. Dec 1923. 8 pp., 6 figs.

87. Class VS Seaplanes for Small Vessels - Twin Floats Mark I & Mark II - E.M.B. Models 2500 & 2514. Dec 1923. 14 pp., 9 figs.

88. TS Seaplane - Experiments with Model of Mk II Twin Floats (E.M.B. Model #2494). Dec 1923. 8 pp., 6 figs.

89. PN-7 Flying Boat Hull - Experiments with Model No. 2527. Dec 1923. 9 pp., 5 figs.

90. P-5-A Flying Boat Hull - Experiments with Model No. 2525. Jan 1924. 10 pp., 6 figs.

91. Test of Venturi Tube on Ventilation Terminal. Mar 1924. 9 pp., 5 figs.

92. Vanderbilt Flying Boat - Report of Experiments with E.M.B. Model No. 2546. Mar 1924. 9 pp., 6 figs. Distributed only upon authorization of Kirkham Products Corporation.

93. Bu. Aer. Three Seater Spotting Seaplane (Project No. 1047) - Report of Experiments with Model #2587. Sep 1924. 9 pp., 6 figs. Distributed only upon authorization of Bureau of Aeronautics.

94. Loening 3-Seater Amphibian F.B. Hull (Bu. Project No. 1046) - Report of Experiments with Model #2586. Sep 1924. 9 pp., 6 figs. Distributed only upon authorization of Loening Aeronautical Engineering Corporation.

95. Composite N.C. Lines - PN Type (Bu. Aer. Pl.#3157 - Project #1018) - Report on Experiments with Model #2577. Sep 1924. 9 pp., 6 figs. Distributed only upon authorization of Bureau of Aeronautics.

96. Test of Ventilating Set Furnished by the Robinson Ventilating Company. Sep 1924. 6 pp., 4 figs.

97. Bu. Aeronautics Design #28 - Report of Experiments with Model #2548. Sep 1924. 10 pp., 6 figs. Distributed only upon authorization of Bureau of Aeronautics.

98. F-5-L Hull Modified - Additional Experiments with Model No. 2171. Sep 1924. 10 pp., 6 figs.

99. PN-7 Hull - Overland Tests - Model No. 2527 - Stern No. 1. Sep 1924. 9 pp., 5 figs.

100. TS-1 Twin Floats - N.A.F. Lines #51863 - Experiments with Model #2547. Sep 1924. 8 pp., 6 figs.

101. Report of Test of Vertical Steering Control of Model Representing Mine Laying Submarine SM-1. Oct 1924. 5 pp., 3 figs.

102. Mummert Flying Boat Hull - Report of Experiments with Model No. 2600. Oct 1924. 7 pp., 4 figs. Distributed only upon authorization of H.C. Mummert.

103. DT Twin Floats - Report of Additional Experiments with Model #2394. Nov 1924. 9 pp., 5 figs. Distributed only upon authorization of Davis-Douglas Co.

104. Boeing Patrol Plane - Hull - Report of Experiments with Model No. 2597. Nov 1924. 10 pp., 6 figs. Distributed only upon authorization of Boeing Airplane Company.

105. UO-1 Seaplane Float - Model No. 2492; N9H Seaplane Float - Model No. 2584 - Experiments to Determine Forces and Moments at Landing Angles, Also Usual Towing Tests with the N9H Model. Nov 1924. 13 pp., 8 figs.

106. Model Experiments to Determine Rudder Forces - NEW MEXICO. Dec 1924. 34 pp., 27 figs.

107. Mummert Flying Boat Hull - Additional Experiments with Model No. 2600 Modified. Dec 1924. 9 pp., 5 figs. Distributed only upon authorization of H.C. Mummert.

108. Flettner Wind Rotors for Ship Propulsion (Estimate of Propulsive Forces Obtainable). Dec 1924. 8 pp., 2 figs.

109. Report of Test on Model of U.S.S. LANGLEY to Determine Leeway Due to Wind. Jan 1925. 6 pp., 2 figs.

110. Report on the Extent of Cavitation in U.S. Scouts & Destroyers. Jan 1925. 9 pp., 1 fig.

111. Bu. Aer. Design No. 31 - Hull - Report on Experiments with Model No. 2588. Jan 1925. 11 pp., 6 figs.

112. Report of Test of Vertical Steering Control of U.S. Submarines R-1 to R-20 from Experiments with Model No. 2450. Feb 1925. 5 pp., 3 figs.

113. Test Float with Variable Keel Angle - Report on Experiments with Model #2602. Mar 1925. 11 pp., 5 figs.

114. An Analysis of a Failure of Keel Blocks in a Dry Dock, by Lt. Comdr. E.L. Gayhart, USN. May 1925. 37 pp., 13 figs.

115. Report of Test of Vertical Steering Control of Model Representing Fleet Submarine, Mine Laying Type with Alterations. May 1925. 5 pp., 3 figs.

116. The Calibration and Test of a Redesigned Sperry Roll and Pitch Recorder. Jul 1925. 18 pp., 9 figs.

117. Notes on the Design and Propulsion of the 8-Oared Shell. Aug 1925. 17 pp., 7 figs.

118. A Description of the U.S. Experimental Model Basin. Sep 1925. 14 pp., 6 figs.

119. Ventilation Tests. Oct 1925. 8 pp. Supplement. Feb 1926. 28 pp., 21 figs.

120. Boeing Patrol Plane - Report of Additional Experiments with Model No. 2597. Nov 1925. 9 pp., 6 figs. Distributed only upon authorization of Boeing Airplane Company.

121. Stability Model - U.S.S. CALIFORNIA. Nov 1925. 7 pp., 2 figs.

122. Electrical Telemeter - Principle of Operation and Notes on Methods of Use. Jan 1926. 7 pp., 3 figs.

123. S.C. Type Amphibian Floats - Report on Experiments with Model No. 2650. Jan 1926. 9 pp., 5 figs.

124. DT-2 Seaplane Floats - Concave Bottom Modifications - Report on Experiments with Model #2622. Jan 1926. 8 pp., 4 figs.

125. Tests of a Model of a High Speed Towing Target. Feb 1926. 10 pp., 4 figs.

126. End Speed Meter for an Airplane Catapult. Mar 1926. 8 pp., 3 figs.

127. S.C. Type Amphibian Floats (Modified Lines) - Report on Experiments with Model #2661. Mar 1926. 9 pp., 5 figs.

128. Test of Vertical Steering Control of Model Representing U.S. Submarines V-5 and V-6. Apr 1926. 7 pp., 4 figs.

129. DT-2 and SC-1 Twin Floats (Models Nos. 2394 and 2426) - Stability Tests with Flooded Compartments. Apr 1926. 6 pp., 4 figs.

130. Report of Test of Vertical Steering Control of Model No. 2449 Representing U.S. Submarines V-1 to V-3 with Modified Bow, As per C and R Sketch 08662. Apr 1926. 2 pp., 1 fig.

131. Racer Type Seaplane Floats - Report on Experiments with Models of. Jun 1926. 20 pp., 14 figs.

132. The Estimate of Power for Ship Propulsion and the Methods Employed at the Experimental Model Basin, by Comdr. E.L. Gayhart, USN. Jun 1926. 37 pp., 17 figs.

133. Design No. 38 - Class VF Seaplane Float - Experiments with Model No. 2665. Jun 1926. 9 pp., 6 figs.

134. Consolidated Training Plane Float - Modified Lines - Report of Experiments with Model No. 2660. Jun 1926. 8 pp., 5 figs.

135. V.T. Float Series - No. 9 Floats - Experiments with Model No. 2652. Jun 1926. 8 pp., 5 figs.

136. T3M - Amphibian Floats - Experiment with Model of. Jul 1926. 10 pp., 5 figs.

137. Design No. 51, Class VT Seaplane Floats - Experiments with a Model of. Jul 1926. 8 pp., 5 figs.

138. Design No. 50 - Class VP Flying Boat Hull - Experiments with a Model of. Jul 1926. 10 pp., 6 figs.

139. Design No. 47 Hull (Bu. Aer. Pl. No. 3944 - Project No. 1403) - Experiments with a Model of. Jul 1926. 10 pp., 7 figs. Distributed only upon authorization of Bureau of Aeronautics.

140. Analysis of the Standardization Trials of the U.S. Battleships MARYLAND, WEST VIRGINIA, and COLORADO, by Capt. William McEntee, USN. Aug 1926. 15 pp., 3 figs.

141. T3M Amphibian Floats - Additional Experiments with Modified Model. Aug 1926. 10 pp., 6 figs.

142. Experiments with Model 2696 Representing 5000-Pound Single Float. Sep 1926. 9 pp., 6 figs.

143. Design No. 58 - Class VF Seaplane - Mark I and II Floats - Experiments with a Model of. Oct 1926. 11 pp., 7 figs.

144. Design No. 58 - VF Seaplane Float - Experiments with Model of. Oct 1926. 11 pp., 5 figs.

145. Experiments with Edo Aircraft Corp. Models "Malolo" & "Turtle." Oct 1926. 11 pp., 6 figs. Distributed only upon authorization of Edo Aircraft Corporation.

146. T.S. Type Seaplane Floats - Experiments with Models of. Oct 1926. 18 pp., 13 figs.

147. The Effect of Differences of Trim upon the Propulsive Coefficient of a Vessel. Nov 1926. 10 pp., 5 figs.

148. H.A. Type Seaplane Float - Experiments with Model of. Nov 1926. 9 pp., 6 figs.

149. Ventilation Tests - Resistance of Elbows. Nov 1926. 8 pp., 4 figs.

150. Design No. 42 - Experiments with a Model of the Hull. Dec 1926. 9 pp., 6 figs.

151. H.A. Berliner Float Models - Model Basin Tests. Dec 1926. 13 pp., 7 figs.

152. T3M Single Float, #3 Lines - Flat NC Type. Jan 1927. 10 pp., 6 figs.

153. Tests of High Speed Displacement Boats - Experiments to Determine the Feasibility of Testing with Gear 3. Jan 1927. 6 pp., 2 figs.

154. Loening Single Wheel Amphibian OA-2 - Experiments with a Model of. Jan 1927. 9 pp., 6 figs. Distributed only upon authorization of Loening Aeronautical Engineering Corporation.

155. Fokker Float Wing - Experiments with a Model of. Feb 1927. 10 pp., 6 figs. Distributed only upon authorization of Atlantic Aircraft Corporation.

156. NB-1 Seaplane Float - Experiments with a Model of. Feb 1927. 8 pp., 5 figs.

157. Bu. Aeronautics Design No. 28, Modified - Experiments with Model of. Feb 1927. 11 pp., 6 figs.

158. Design No. 30, Amphibian Floats - Experiments with Model of. Feb 1927. 10 pp., 6 figs.

159. Boeing Amphibian Hull - Experiments with a Model of. Feb 1927. 9 pp., 7 figs. Distributed only upon authorization of Boeing Airplane Company.

160. Reaction on Float Bottom When Making Contact with Water at High Speeds. Feb 1927. 5 pp., 3 figs.

161. Design No. 59, Flying Boat Hull - Experiments with a Model of. Apr 1927. 10 pp., 7 figs.

162. Macchi Racing Floats, 1926 - Experiments with a Model of. Apr 1927. 9 pp., 5 figs.

163. Modified 1926 Racing Floats - Experiments with a Model of. Apr 1927. 9 pp., 5 figs.

164. Loening Single-Wheel Amphibian OA-2, Modified - Experiments with a Model of. May 1927. 14 pp., 9 figs. Distributed only upon authorization of Loening Aeronautical Engineering Corporation.

165. Experiments with Edo Aircraft Corporation Models GUNARD and FLOAT E. May 1927. 9 pp., 5 figs. Distributed only upon authorization of Edo Aircraft Corporation.

166. Description of the Nine Inch Wind Tunnel Built by the Construction and Repair Department of the Washington Navy Yard for the Bureau of Aeronautics for Use at the U.S. Naval Academy. May 1927. 16 pp., 7 figs.

167. Self Propelled Model Test of Tunnel Towboat "NATCHEZ." May 1927. 3 pp. Supplementary Tests with the Model of S.S. NATCHEZ. Aug 1927. 16 pp., 13 figs. Distributed only upon authorization of Inland Waterways Corporation.

168. S.C. Type Amphibian Floats, Mark II Lines - Experiments with a Model of. May 1927. 10 pp., 5 figs.

169. 1926 Racing Floats 2nd Modification - Experiments with a Model of. Jun 1927. 9 pp., 5 figs.

170. Experiments to Note the Effect of Varying the Depth of the Step on a Seaplane Float. Jul 1927. 18 pp., 12 figs.

171. Design No. 67 Hull - Experiments with a Model of. Jul 1927. 9 pp., 6 figs.

172. Charles Ward Hall T3M Amphibian Floats - Experiments with a Model of. Aug 1927. 12 pp., 7 figs.

173. Design No. 63 Float - Class VF Seaplane - Experiments with a Model of. Aug 1927. 8 pp., 5 figs.

174. Brewster Floats for Model 74 - Experiments with a Model of. Aug 1927. 9 pp., 5 figs. Distributed only upon authorization of Brewster and Company.

175. T2D-1 Seaplane Floats - Brewster Model - Model Basin Experiment. Aug 1927. 9 pp., 5 figs.

176. Model Tests with Paddlewheels - Undertaken for the Office of the Chief of Engineers, U.S. Army, by K.E. Schoenherr. Sep 1927. 18 pp., 13 figs.

177. Design No. 71 Hull Lines, Class V.P. Flying Boat Hull (Project No. 1677). Oct 1927. 11 pp., 8 figs. Distributed only upon authorization of Bureau of Aeronautics.

178. Fairchild Twin Floats - Experiments with Models of. Oct 1927. 11 pp., 6 figs. Distributed only upon authorization of Fairchild Airplane Manufacturing Corporation.

179. Williams Racer Floats (Bu. Aeronautics Project No. 1746) - Experiments with a Model of. Oct 1927. 10 pp., 6 figs. Distributed only upon authorization of Bureau of Aeronautics.

180. Brewster Single Float B-301 Model Tests (Bu. Aer. Project 1743). Nov 1927. 9 pp., 6 figs. Distributed only upon authorization of Brewster and Company.

181. F7C-1 Seaplane Float - Bu. Aer. Project No. 1673 - Experiments with Model of. Nov 1927. 10 pp., 6 figs. Distributed only upon authorization of Bureau of Aeronautics.

182. Design No. 71 Hull, Class VF Flying Boat - Additional Test with Alternate Step (Project No. 1677). Dec 1927. 9 pp., 6 figs. Distributed only upon authorization of Bureau of Aeronautics.

183. Aeroplane Design No. 54 - Bureau of Aeronautics Launching Tests. Nov 1927. 7 pp., 3 figs.

184. T2D-1 Seaplane Floats - Brewster & Co. Model - Additional Experiments. Dec 1927. 5 pp., 2 figs. Distributed only upon authorization of Brewster and Company.

185. Design No. 51 Seaplane Floats - Stability Tests with Damaged Compartments. Dec 1927. 5 pp., 2 figs.

186. O2U Amphibian Float (Bu. Aero. Project No. 1774) - Experiments with a Model of. Jan 1928. 10 pp., 6 figs. Distributed only upon authorization of Bureau of Aeronautics.

187. Report on Comparative Propeller Tests, Made in English, German and U.S. Model Basins. Jan 1928. 27 pp., 6 figs.

188. PN-7 Hull - Shoal Water Tests - Bureau of Aeronautics Project No. 1517. Mar 1928. 9 pp., 1 fig. Distributed only upon authorization of Bureau of Aeronautics.

189. Resistance of Ships in Canal Locks. Mar 1928. 9 pp., 1 fig.

190. Ventilation Tests on Ventilating Deadlights. Mar 1928. 20 pp., 11 figs.

191. Miller Corporation Amphibian Hull, Experiments with a Model of - Model 2835. Apr 1928. Distributed only upon authorization of Miller Corporation.

192. PN-7 Hull - Additional Shoal Water Tests (Width of Channel Unrestricted) - Bureau of Aeronautics Project No. 1829. May 1928. 10 pp., 6 figs. Distributed only upon authorization of Bureau of Aeronautics.

193. Frictional Resistance. May 1928. 21 pp., 5 figs.

194. Self-Propelled Model Tests with Mississippi River Towboats and Barges. May 1928. 161 pp., 141 figs. Distributed only upon authorization of Vesta Coal Company. (Now Jones - McLaughlin Steel Co.)

195. O2U-1 Floats with Sponsons (Bureau Aero. Project #1777) - Model Experiments. May 1928. 11 pp., 7 figs. Distributed only upon authorization of Bureau of Aeronautics.

196. Design No. 70 Seaplane Float - Model Tests - Bureau Aeronautics Project No. 1770. May 1928. 12 pp., 8 figs. Distributed only upon authorization of Bureau of Aeronautics.

197. Sport Flying Boat Hull, Skyways Inc., Boston (E.M.B. Model No. 2845). Jul 1928. 9 pp., 5 figs. Distributed only upon authorization of Skyways Inc.

198. Tests of Ventilation Terminals (Ezyreg and McCreery Elbows). Aug 1928. 9 pp., 4 figs.

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